

-continued

<213> ORGANISM: *Diabrotica virgifera*

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<213> ORGANISM: *Diabrotica balteata*

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<212> TYPE: DNA

<213> ORGANISM: *Hippodamia convergens*

<400> SEQUENCE: 135

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1-95. (canceled)

96. A method for managing crop pest resistance to an agent for controlling the crop pest, comprising contacting the crop pest with a nucleic acid segment produced by a method comprising:

- (a) obtaining a starting nucleic acid molecule substantially complementary to a target gene;
- (b) preparing a plurality of nucleic acid segments from the starting nucleic acid molecule;
- (c) assaying the nucleic acid segments for the ability to suppress expression of the target gene when expressed as a dsRNA in a cell comprising the target gene; and
- (d) identifying at least a first nucleic acid segment from the plurality of nucleic acid segments that provides a desired level of suppression of the target gene when expressed as a dsRNA,

and one additional agent selected from the group consisting of a patatin, a *Bacillus thuringiensis* insecticidal protein, a *Xenorhabdus* insecticidal protein, a *Photorhabdus* insecticidal protein, a *Bacillus laterosporus* insecticidal protein, a *Bacillus sphaericus* insecticidal protein, a biocontrol agent, and an insecticide.

97. The method of claim **96**, wherein the insecticide is selected from the group consisting of a carbaryl insecticide,

fenvalerate, esfenvalerate, malathion, a carbofuran insecticide, chlorpyrifos, fonophos, phorate, terbufos, permethrin, a neonicotinoid, and tefluthrin.

98. The method of claim **96**, wherein the additional agent is provided as a seed treatment.

99. The method of claim **96** wherein the additional agent is a *Bacillus thuringiensis* insecticidal protein.

100. The method of claim **99**, wherein the *Bacillus thuringiensis* insecticidal protein is selected from the group consisting of a Cry1, a Cry3, a TIC851, a CryET70, a Cry2, ET29, ET37, a binary insecticidal protein CryET33 and CryET34, a binary insecticidal protein CryET80 and CryET76, a binary insecticidal protein TIC100 and TIC101, a binary insecticidal protein ET29 and TIC810, a binary insecticidal protein ET37 and TIC812, and a binary insecticidal protein PS 149B 1.

101. The method of claim **96**, wherein the desired level of suppression is complete suppression of the target gene.

102. The method of claim **96**, wherein the desired level of suppression is incomplete suppression of the target gene.

103. The method of claim **96**, wherein assaying the nucleic acid segments for the ability to suppress the target gene comprises expressing the segments as a dsRNA in a cell comprising the target gene and determining the level of suppression of the target gene.